

BRUHAT BANGALORE MAHANAGARA PALIKE

Rajarajeshwari Nagara Zone

Rajarajeshwari Nagara Division

NAME OF WORK:- Construction of First Floor Office for AEE (Yeshwanthpur) at J P Park Swimming Pool Parking area in J P Park Ward No-17.

Sl No	Description of Work	Unit	Dimensions				Qty	Rate	Amount (in Rs.)
			No	L	B	D			
	First Floor								
1	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-30 (Cement-360 Kg/cum) (Pg :19- I:4.49.3 of KPWD S.R 2013-14)								
	For Columns (FF)	Cum	14	0.30	0.60	3.66	9.22		
	Roof Beam		3	12.20	0.30	0.30	3.29		
			3	9.20	0.30	0.30	2.48		
	Roof Slab		1	12.20	9.20	0.15	16.84		
	Toilet Roof		1	1.83	4.80	0.15	1.32		
	Beam		2	1.83	0.30	0.30	0.33		
			1	4.80	0.30	0.30	0.43		
	Stair (waist Slab GF to Midlanding)		1	4.02	1.35	0.15	0.81		
	Mid landing		1	3.00	1.50	0.15	0.68		
	Mid landing to GF Roof Slab		1	4.02	1.35	0.15	0.81		
	Steps		24	1.35	0.30	0.15	1.46		
	lintel beam Door		1	2.63	0.20	0.20	0.11		
	W1		6	2.75	0.20	0.20	0.66		
	W2		2	3.83	0.20	0.20	0.31		
	V1		2	1.55	0.20	0.20	0.12		
							Total	38.87	6666.34
									259139.97
2	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Fe 415 (Pg :19- I:4.46.1 of KPWD S.R 2013-14)								
	At 140 kg per cum	Qtl	38.87				140.00	5442.21	
							Total	54.42	7281.72
									396286.20
3	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs. with 12mm and down size graded granite metal coarse aggregates @0.5175cum and fine aggretes @ 0.345cum. with superplastisiser @0.225lts. machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (Pg :15- I:4.19 of KPWD S.R 2013-14)								

Sl No	Description of Work	Unit	Dimensions				Qty	Rate	Amount (in Rs.)
			No	L	B	D			
	W1	Sqm	6	1.80	0.60		6.48		
	W2		3	1.20	0.60		2.16		
	V1		2	0.85	0.60		1.02		
							Total	9.66	408.98
									3950.75
4	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (Pg :17- I:4.32 of KPWD S.R 2013-14)								
	For Column	Sqm	14.00	1.80		3.66	92.23		
							Total	92.23	350.72
									32347.61
5	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (Pg :17- I:4.30 of KPWD S.R 2013-14)								
	Roof Slab	Sqm	1.00	12.20	9.20		112.24		
	Toilet		1.00	1.83	4.80		8.78		
							Total	121.02	367.68
									44498.10
6	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Pg :17- I:4.34 of KPWD S.R 2013-14)								
	For Beam	Sqm	3.00	12.20	0.90		32.94		
			3.00	9.20	0.90		24.84		
			2.00	1.83	0.90		3.29		
			1.00	4.80	0.90		4.32		
							Total	65.39	259.56
									16973.67
7	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2(Pg :17- I:4.38 of KPWD S.R 2013-14) For Stair case								
	waist Slab GF to Midlanding	Sqm	1.00	4.02	1.35		5.43		
	Sides		2.00	4.02	0.30		2.41		
	Mid landing		1.00	3.00	1.50		4.50		
	Sides		2.00	3.00	0.15		0.90		
			2.00	1.50	0.15		0.45		
	Mid landing to GF Roof Slab		1.00	4.02	1.35		5.43		
	Sides		2.00	4.02	0.30		2.41		
			2.00	1.35	0.30		0.81		
	Steps (24 Steps)		24.00	1.35	0.30		9.72		
							Total	32.06	480.04
									15389.12

Sl No	Description of Work	Unit	Dimensions				Qty	Rate	Amount (in Rs.)
			No	L	B	D			
8	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specificalton. Specification No. KBS 4.6.2 (Pg :17- 1:4.37 of KPWD S.R 2013-14)								
	For Chajja	Sqm	6.00	2.00		0.70	8.40		
			3.00	1.40		0.70	2.94		
			2.00	1.05		0.70	1.47		
	Total						12.81	262.74	3365.70
9	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (Pg :27- 1:5.27.1 of KPWD S.R 2013-14)								
	Wall	Sqm	2.00	12.20		3.45	84.18		
			2.00	9.20		3.45	63.48		
			2.00	1.60		3.45	11.04		
			1.00	3.60		3.45	12.42		
	Total						171.12		
	Deduct D2		1.00	1.00	2.40		2.40		
	D3		1.00	0.90	2.10		1.89		
	W1		6.00	1.80	1.50		16.20		
	W2		3.00	1.20	1.50		5.40		
	V1		2.00	0.90	0.60		1.08		
	Total						26.97		
	Total						144.15	907.36	130795.94
10	KSRB 5-15 : Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (Pg :28 - 1:5.28 of KPWD S.R 2013-14)								
	Wall	Sqm	1.00	1.60		3.45	5.52		
	Sub Total						5.52		
	Deduct D3		1.00	0.90	2.10		1.89		
	SubTotal						1.89		
	Total						3.63	650.84	2362.55
11	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Colour glazed tiles 30x45 cms 6mm thick with border of size 30x10 cms (Pg :116- 1:14.41.3 of KPWD S.R 2013-14)								
	Toilet		2	1.20		2.20	5.28		
			2	1.60		2.20	7.04		
	Total						12.32		

	Description of Work	Unit	Dimensions				Qty	Rate	Amount (in Rs.)
			No	L	B	D			
	Deduct D3		2.00	0.90	2.10		3.78		
	V1		2.00	0.90	0.60		1.08		
						Total	4.86		
						Total	7.46	1261.40	9410.04
12	Providing and laying flooring using prepolished, water cut/ gang saw 19mm thick granite laid over existing floor in CM 1:4 at 20mm thick (average) and pointed with white / gey pigment etc., complete using Black granite (Pg :117- I:14.47.2 of KPWD S.R 2013-14)								
	For Flooring	Sqm	1.00	11.80	8.75		103.25		
			1.00	1.80	1.50		2.70		
			1.00	2.85	3.75		10.69		
						Total	116.64	2427.40	283125.87
13	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS (for Ceramic Tiles of size 30 x 30 cms) (Pg :116- I:14.36.2 of KPWD S.R 2013-14)								
	For Toilet Flooring	Sqm	1.00	1.60	1.20		1.92		
						Total	1.92	935.36	1795.89
14	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete. (Pg :117- I:14.51 of KPWD S.R 2013-14)								
	For Stair Case Steps	Sqm	25.00	1.35	0.30		10.13		
	Riser		25.00	1.35	0.15		5.06		
	Mid landing		1.00	3.00	1.50		4.50		
						Total	19.69	3957.42	77911.71
15	KSRB 15.3.1Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (Pg :122 - I:15.9 of KPWD S.R 2013-14)								
	Internal plastering	Sqm	2	11.60		3.45	80.04		
			2	8.6		3.45	59.34		
	Near Wash basin		2	1.8		3.45	12.42		
						Total	151.80		
	Deduct D2		1	1	2.40		2.40		
	D3		1	0.9	2.10		1.89		
	W1		6	1.8	1.50		16.20		
	W2		3	1.2	1.50		5.40		
	V1		2	0.9	0.60		1.08		
						Total	26.97		
						Total	124.83	157.20	19623.28

	Description of Work	Unit	Dimensions				Qty	Rate	Amount (in Rs.)
			No	L	B	D			
16	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (Pg :123 - I:15.21 of KPWD S.R 2013-14)								
	Ceiling	Sqm	1	11.80		8.75	103.25		
	Total						103.25	163.24	16854.53
17	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. with primer (Pg :126 - I:15.51.2 of KPWD S.R 2013-14)								
	Internal plastering	Sqm	2	11.60		3.45	80.04		
			2	8.6		3.45	59.34		
	Near Wash basin		2	1.8		3.45	12.42		
	Total						151.80		
	Deduct D2		1	1	2.40		2.40		
	D3		1	0.9	2.10		1.89		
	W1		6	1.8	1.50		16.20		
	W2		3	1.2	1.50		5.40		
	V1		2	0.9	0.60		1.08		
	Total						26.97		
	Total						124.83	79.50	9923.99
18	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. with primer (For Ceiling) (Pg :126 - I:15.51.3 of KPWD S.R 2013-14)								
	Internal plastering	Sqm	1	11.80		8.75	103.25		
	Total						103.25	83.10	8580.08
19	KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (Pg :123 - I:15.18 of KPWD S.R 2013-14)								
	External Plastering Front	Sqm	1	15.00	14.4		216.00		
	Back Side		1	13.80	15.30		211.14		
	Sides Wall		2	9.00	15.30		275.40		
	Side S/c Wall		4	4.00	0.80		12.80		
	Projection ceiling west side		1	12	3.00		36.00		
	Total						751.34		

Sl	Description of Work	Unit	Dimensions				Qty	Rate	Amount (in Rs.)
			No	L	B	D			
	Deduct D2		1	1	2.40		2.40		
	D3		1	0.9	2.10		1.89		
	W1		6	1.8	1.50		16.20		
	W2		3	1.2	1.50		5.40		
	V1		2	0.9	0.60		1.08		
							Total	26.97	
							Total	724.37	223.66
									162012.59
20	KSRB15-4.7 Extra for providing and mixing waterproofing compound in cement plaster for brick masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:4, 20mm thick cost of materials complete as per specifications. (Pg :123 - I:15.29 of KPWD S.R 2013-14)								
	External Plastering Front	Sqm	1	15.00	14.4		216.00		
	Back Side		1	13.80	15.30		211.14		
	Sides Wall		2	9.00	15.30		275.40		
	Side S/c Wall		4	4.00	0.80		12.80		
	Projection ceiling west side		1	12	3.00		36.00		
							Total	751.34	
	Deduct D2		1	1	2.40		2.40		
	D3		1	0.9	2.10		1.89		
	W1		6	1.8	1.50		16.20		
	W2		3	1.2	1.50		5.40		
	V1		2	0.9	0.60		1.08		
							Total	26.97	
							Total	724.37	10.07
									7294.41
21	KSRB 15.8.1 Providing and fixing plaster mesh 100mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications. (length of mesh only be measured for payment). (Pg :124 - I:15.34 of KPWD S.R 2013-14)								
	For Column Joint	Rmtr	1	13.00	3.45		44.85		
			1	1.00	45.00		45.00		
							Total	89.85	29.89
									2685.62
22	Providing and finishing external walls in two coats over one coat of primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (Pg :135 - I:15.104 of KPWD S.R 2013-14)								
	External Painting Front	Sqm	1	15.00	14.4		216.00		
	Back Side		1	13.80	15.30		211.14		
	Sides Wall		2	9.00	15.30		275.40		
	Side S/c Wall		4	4.00	0.80		12.80		
	Projection ceiling west side		1	12	3.00		36.00		
							Total	751.34	

	Description of Work	Unit	Dimensions				Qty	Rate	Amount (in Rs.)
			No	L	B	D			
	Deduct D2		1	1	2.40		2.40		
	D3		1	0.9	2.10		1.89		
	W1		6	1.8	1.50		16.20		
	W2		3	1.2	1.50		5.40		
	V1		2	0.9	0.60		1.08		
							Total	26.97	
							Total	724.37	132.94
									96297.75
23	KSRB 9.4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33. (Pg :56 - I:9.11 of KPWD S.R 2013-14)								
	D2	Cum	2	1.20	0.075	0.125	0.02		
			2	2.40	0.075	0.125	0.05		
	D3		2	1.10	0.075	0.125	0.02		
			2	2.10	0.075	0.125	0.04		
	W1		12	2.00	0.075	0.125	0.23		
			12	1.50	0.075	0.125	0.17		
	W2		6	1.40	0.075	0.125	0.08		
			6	1.50	0.075	0.125	0.08		
							Total	0.68	105456.22
									72171.60
24	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 (Pg :57 - I:9.15 of KPWD S.R 2013-14)								
	D2	Sqm	1	1.00		2.4	2.40		
	D3		1	0.90		2.1	1.89		
	W1		6	1.80		1.5	16.20		
	W2		3	1.20		1.5	5.40		
							Total	25.89	4504.82
									116629.79
25	KSRB 9-26.1 : Providing and fixing in position fully glazed shutters for ventilators side hung or central pivoted with Honne wood styles and rails of 25mm. thick, 50mm wide and central divider of 25mm. wide, 3mm thick reeded glass fixed with wooden beading of size 10mm wide flushed to the thickness of the frame including cost of materials, labour charges, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, 9.42 (Pg :62 - I:9.78 of KPWD S.R 2013-14)								
	V	Sqm	2	0.90		0.6	1.08		
							Total	1.08	2263.98
									2445.10

Sl	Description of Work	Unit	Dimensions				Qty	Rate	Amount (in Rs.)
			No	L	B	D			
26	KSRB 9-27.1 : Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. (Pg :62 - I:9.78 of KPWD S.R 2013-14)								
	Fixing of door frame	No	2				2.00	923.26	1846.52
	Fixing of window frame	No	9				9.00	625.40	5628.60
	Fixing of ventilator frame	No	2				2.00	475.94	951.88
27	KSRB 9-26.1 : Providing and fixing in position fully glazed shutters for ventilators side hung or central pivoted with Honne wood styles and rails of 25mm. thick, 50mm wide and central divider of 25mm. wide, 3mm thick reeded glass fixed with wooden beading of size 10mm wide flushed to the thickness of the frame including cost of materials, labour charges, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, 9.42 (Pg :62 - I:9.78 of KPWD S.R 2013-14)								
	V	Sqm	2	0.90		0.6	1.08		
	Total						1.08	2263.98	2445.10
28	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. (Pg :47 - I:7.35 of KPWD S.R 2013-14)								
	For Staircase	Sqm	1	8.10		0.9	7.29		
	landing		1	2.80		0.9	2.52		
	Total						9.81	6252.94	61341.34
	Sub Total								1864085.28

Electrical

	Description of Work	unit	Qty	Rate	Amount
1	4	5	6	7	8
1	Concealed conduit System: Supplying mm dia 2mm2. 5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/ PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GL fish wire wherever necessary.				
	25mm dia 2mm thick	Per Mtr	155	41.00	6355.00
2	Groove cutting: Supplying.....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run through out the conduit wherever necessary.				
	25mm dia 2mm thick	Per Mtr	180	53.00	9540.00
3	Supplying and mounting teak wooden box without front plank made out of not less than 12 mm thick wood after due groove cutting necessary masonry patch work complete.(p 3-I-6 a,b,c,d,e,f,g,h)				
	12x9x3 (300x228x76mmx0	Per Mtr	10	80.00	800.00
	10x7x3 (254x178x76mm)	Per Mtr	40	68.00	2720.00
	8x6x3 (203x152x76mm)	Per Mtr	6	52.00	312.00
4	Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.				
	Point wiring using class A Materials				
	Short point upto 3Mtr from tapping point to our let via switch	Point	8	175.00	1400.00
	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	Point	12	260.00	3120.00
	Long point above 6Mtr from tapping point to out let via switch	Point	20	368.00	7360.00
5	Supplying 6A flush/projected type socket and a 6amps flush/projected type SP switch either surface/flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required.				
	6Amps 3/5 Way	Each	12	106.00	1272.00
6	Supply and fixing of backlite D.P/Socket/switch with/without neon indicator over existing wood board or flush mounting in plastic plates/niches.				

	Description of Work	unit	Qty	Rate	Amount
4		5	6	7	8
	Using Group 'A' Material.				
	32Amps Flush/projecte type DP switch	Each	5	145.00	725.00
	16Amps Flush type Univerals socket	Each	5	95.00	475.00
7	Wiring for lighting/power circuit using one of PVC insulated 110ov grad, multis and copper conductor single core cable in open or consealed system of wiring.				
	I Group A Materials.				
	1.5 sqmm	Per Mtr.	150	15.00	2250.00
	2.5 sqmm	Per Mtr.	200	25.00	5000.00
	4 sqmm	Per Mtr.	150	32.00	4800.00
	6 sqmm	Per Mtr.	100	52.00	5200.00
8	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or meatl box using N.F. screws.				
		SqCm	9180	0.22	2019.60
9	Extra for supplying 4mm thick white plastic plate and covering for junction boxes or size... mm conduit using necessary machine screws.				
	80mm	No	10	7.25	72.50
	110mm	No	6	8.75	52.50
10	Supplying and fixing metal fan box with round hook	Each	6	72.00	432.00
11	Supplying and fixing PBBC bakelitelite straight or slant batten holder and wiring, within 60w/230 Volts lamps				
	Group 'A'	Each	25	60.00	1500.00
12	Supplying and fixing cast Aluminium round or oblong type bulk head fitting with Gl wire guard, glass cover with 15Watts 230V CFL lamp as required				
	Group 'A'	Each	2	1098.00	2196.00
13	Supply box type fluorescent tube light fitting of 4'- 36/40 watts fluorescent tube fitting, made out of M.S sheet and stove enameled with low loss open construcion copper woundferromagnetic ballast, starter, locking type brass contact holders mounted on double fold type sheet base fully wited for use on 230 Volts A C Supply including fluorescent tube.				
	I 1x4'-36/40Watts				
	Group 'A'	Each	10	675.00	6750.00
14	Supplying of 1440rpm heavy duty eahust fan with bracket blades suitable for operate on 230V 50Hz, AC Supply complete.				
	I 12" Sweep (300mm)				
	Group 'A'	Each	4	2500.00	10000.00

	Description of Work	unit	Qty	Rate	Amount
	4	5	6	7	8
5	Supplying capacitor type ceiling fan cpmplet with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system.				
	48" Sweep (1200mm)				
	Regular model (Khaitan, Crompton Greaves, Orient, Polar, Bajaj, Usha, Havells, Almonard)	Each	8	1800.00	14400.00
16	Fixing all types and all capacities fluorescent/false ceiling/spot light/ CGL fittings indoor on the wall/ ceiling/ rafters/ girders using 23/ 0.0076" twin twisted PVC insulated wires, required nos of round blocks and clamps (if required)				
	On wall/ceiling/Rafter/Girders	Each	4	105.00	420.00
17	Fixing a ceiling/Wall mounting fan of all capacities and all types to the existing S hook together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely.				
		Each	8	105.00	840.00
18	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5 amps ceiling rose with suficient length of 23/ 0.0076 inch PVC insulated twin core wire of approved make.				
		Each	4	310.00	1240.00
19	Supply and fixing ploished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered invrted wooden plugs screws etc.				
	20"x20"x2.5"	Each	1	285.00	285.00
20	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., Complete.				
	32A mps	Each	1	100.00	100.00
21	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring cdomplete as required.				
	A) 5-32Amps				
	Group ' A'	Each	4	195.00	780.00
	D) 40-63Amps DP				
	Group ' A'	Each	1	815.00	815.00

Description of Work		unit	Qty	Rate	Amount
4		5	6	7	8
2	Supplying and fixing regular MCB distribution boards on wall/woodboard / flush mounting using required calmps, bolted, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting etc., complete				
	II - Double Door				
	B) 8 Way SP & N				
	Group 'A'	Each	1	1290.00	1290.00
23	Supplying, fixing and wiring earth leakage Miniature Circuit Breaker (ELMCB) 240/450 v up to 300mA sensitivity on existing wood / Panel Board.				
	32-40 Amps 2 pole	Each	1	2165.00	2165.00
24	Supplying and fixing one of 230 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws. (ELE SR 2010-11 Page:13 Item:4)				
	Group 'A'	Each	1	183.00	183.00
25	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (PWD SR 2013-14 P-79, I-12.5)				
		Each	1.00	5148.42	5148.42
26	KELE SRB 11-11.3 : Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (ELE SR 2010-11 P:69 I:12.25)				
		Each	1.00	2360.62	2360.62
27	KELE SRB 11-17-2 : Providing and fixing C.P. brass towel rail 600 mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications. (ELE SR 2010-11 P:71 I:12.46)				
		Each	1.00	701.72	701.72

No	Description of item	Unit	Qty	Rate	TOTAL
31	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). Of size 10cms x 7.5cms PWD SR 2013-14 P:71 I:12.113.1				
		Each	1.00	265	265.00
32	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) 20mm nominal OD pipes (PWD SR 2013-14 Page:105 item:13.86.2)				
		Mtr	25.00	212.00	5300.00
33	For BESCOM Deposit Charges (As Per Actual) For Meter Etc.,				
		Ls			20000.00
TOTAL					130645.26

CERTIFICATE:

- 1 The work spot has been inspected and found the work is necessary.
- 2 The work comes under BBMP limits.
- 3 The provision has been made in the estimate are adequate and essential.
- 4 The rates adopted are based on KPWD SR-2013-14 Bangalore Circle.

[Signature]
Asst Engineer
Ward no.17

[Signature]
Assistant Executive Engineer
Yeshwanthpura Sub-Division
Bruhat Bengaluru Mahanagara Palike

[Signature]
Executive Engineer
R.R.Nagara Division

ADMINISTRATIVE APPROVED

Rs: 19,95,000/- (Nineteen lakh
Ninety five thousand only)
under the head P-2434

By AC
Vid. St. No. 2757

No.: AS/2757/12-14

18/01/14

ACTR.R.N.Y.

ನಂ.: 242 ದಿನಾಂಕ: 18/1/14

ರೂ. 19,95,000/- Nineteen lakh
Ninety five thousand only

ನಿರ್ದೇಶನ: ಈ ಕೆಳಕಂಡಂತಿರುವ
ಕಾಮಗಾರವನ್ನು, ಯಾವುದೇ
ನಗರ ವಿಭಾಗ, ಪರಿಗಣಿಸಬೇಡಿ.

[Signature]

ರಾಜರಾಜೇಶ್ವರಿ ನಗರ ಮುಖ್ಯ
ಮಂತ್ರಿ